

# Attending Crude Oil Trains

Why are freight trains left unattended?

How is this done safely?

What would be the operational impact and cost of attending crude oil trains?

# Attending Crude Oil Trains

Why are freight trains left unattended?

- Route impassible
- Constraints at the unloading facility
- Track maintenance
- Crew shortages
- Holiday traffic curtailments
- Local work; pickups, setouts, switching

# Attending Crude Oil Trains

How is this done safely?

- ✓ Securement
- ✓ Security

# Attending Crude Oil Trains

## SECUREMENT

- \* Federal Regulation 49 CFR 232
- > Railroads must never depend upon the train's air brake to hold unattended equipment.
- > Railroads must have a process or procedure in place to verify the applied handbrakes are sufficient to hold the equipment with air brakes released.

# Attending Crude Oil Trains

## SECUREMENT

- ❖ Emergency Order No. 28
  - Securement Plan
  - Communication with Train Dispatcher
  - Review, verify and adjust securement procedures
  - Securement Job Safety Briefing required
  - Proper securement inspection required anytime emergency responders have been on train

# Attending Crude Oil Trains

## SECUREMENT

- \* MOU w/ DOT Secretary Fox
  - Distributed Power or Two-way EOTD

# Attending Crude Oil Trains

## SECURITY

- ❖ Emergency Order No. 28
  - Securement Plan
  - Locking the controlling locomotive or removing the reverser
  - Communication with the Train Dispatcher

# Attending Crude Oil Trains

## SECURITY

- ❖ MOU w/ DOT Secretary Fox
  - Route analysis (49 CFR 172.820)



# Attending Crude Oil Trains

## SECURITY

- ❖ Internal
  - 24/7 NS police communications center
  - NS police monitoring - division level

# Attending Crude Oil Trains

What would be the operational impact and cost of attending crude oil trains?

# Attending Crude Oil Trains

- ❖ Operational impact
  - Terminal congestion, reduced capacity
  - Additional handling/exposure
  - Crew availability
  - Crew fatigue
  - Locomotive availability

# Attending Crude Oil Trains

## ❖ Costs

- Fuel consumption - \$9.45 per idle hour
- Man hours - \$96.19 per hour/2-man crew
- Locomotive utilization
- Increased haul rates

# Attending Crude Oil Trains

## ❖ Summary

- ❑ Appropriate securement and security measures are already in place to ensure safe movement of crude oil shipments.
- ❑ Attending crude oil trains from origin to destination will increase congestion, require additional handling, and significantly drive up costs.

# Attending Crude Oil Trains

QUESTIONS?